



PATENT TRADEMARK OFFICE

Docket No. 534334-014

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled:

Digital Tuner

described and claimed

_____ in the attached specification;
 _____ in the specification filed _____,
 as U.S. Application Serial No. _____,
 and as amended _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as filed and as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

<u>Prior Foreign Application(s)</u>		<u>Priority Claimed</u>
0020527.8	GB	X
<u>Number</u>	<u>Country</u>	<u>Day/Mo/Yr</u>
		Yes No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Application No.

Filing Date

Application No.

Filing Date

Geographical location		Sample size		Study design		Study period		Study population		Study results	
Country	Region	No.	%	Design	Period	Age	Sex	Mean	SD	Mean	SD
USA	California	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Florida	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Illinois	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Michigan	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Minnesota	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	North Carolina	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Ohio	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	South Carolina	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Texas	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Virginia	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Washington	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Wisconsin	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Yukon-Charley	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Alaska	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Arizona	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Colorado	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Connecticut	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Delaware	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	District of Columbia	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Hawaii	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Idaho	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Iowa	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Kansas	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Kentucky	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Louisiana	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Maine	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Maryland	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Massachusetts	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Montana	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Nebraska	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	Nevada	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	New Hampshire	100	100	Case-control	1990-1991	18-65	M/F	45.5	15.5	45.5	15.5
USA	New Jersey	100	100	Case-control	1990-1991</						

Declaration and Power of Attorney

Attorney Docket 534334-014

Page 2 of 3

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
Application Serial No.	Filing Date	Status

I appoint

Theodore D. Lienesch	Reg. No. 28,235
Mark P. Levy	Reg. No. 27,922
Douglas E. Erickson	Reg. No. 29,530
James R. Eley	Reg. No. 36,790
Jason D. [Vierra-]Eisenberg	Reg. No. 43,447
Michael J. Nieberding	Reg. No. 39,316
Steven J. Elleman	Reg. No. 41,733
John M. Mueller	Reg. No. 44,248
John F. Kane	Reg. No. 44,815

my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Address all telephone calls to (937) 443-6958. Address all correspondence to: Thompson Hine, LLP, 2000 Courthouse Plaza N.E., 10 W. Second Street, Dayton, Ohio 45402-1758, Attention: Theodore D. Lienesch.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Declaration and Power of Attorney

Attorney Docket 534334-014

Page 3 of 3

Full name of sole or first Inventor –Nicholas Paul Cowley

Inventor's Signature _____ Date _____

Residence: 3 Priors Hill, Wroughton, Wiltshire SN4 0RT

Citizenship: British

Post Office Address: 3 Priors Hill, Wroughton, Wiltshire SN4 0RT

Full name of second Inventor –Alison Payne

Inventor's Signature _____ Date _____

Residence: 23 Mayflower Road, London SW9 9JY

Citizenship: British

Post Office Address: 23 Mayflower Road, London SW9 9JY

Full name of sole or third inventor –Mark Dawkins

Inventor's Signature _____ Date _____

Residence: 73 Arthur Court, Charlotte Despard Avenue, London SW11 5JB

Citizenship: British

Post Office Address: 73 Arthur Court, Charlotte Despard Avenue, London SW11 5JB

FILED 03/09/2019